

**To:** Arrazola, Ignacio[[arrazola.ignacio@epa.gov](mailto:arrazola.ignacio@epa.gov)]  
**Cc:** Harris, Michael[[harris.michael@epa.gov](mailto:harris.michael@epa.gov)]; Victorine, Gary[[victorine.gary@epa.gov](mailto:victorine.gary@epa.gov)]; Egan, Robert[[egan.robert@epa.gov](mailto:egan.robert@epa.gov)]; Olson, Erik[[olson.erik@epa.gov](mailto:olson.erik@epa.gov)]  
**From:** Kamke, Sherry  
**Sent:** Tue 5/16/2017 2:04:12 PM

# Ex. 5 - Attorney Client

**From:** Egan, Robert  
**Sent:** Tuesday, May 16, 2017 8:31 AM  
**To:** Olson, Erik <[olson.erik@epa.gov](mailto:olson.erik@epa.gov)>; Kamke, Sherry <[Kamke.Sherry@epa.gov](mailto:Kamke.Sherry@epa.gov)>

# Ex. 5 - Attorney Client

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**From:** Hanson, Kristen [<mailto:KHanson@ldftribe.com>]

**Sent:** Monday, May 15, 2017 5:01 PM

**To:** Dave Larsen <[dlarsen@reiengineering.com](mailto:dlarsen@reiengineering.com)>

**Cc:** [Christopher.Saari@wisconsin.gov](mailto:Christopher.Saari@wisconsin.gov); Egan, Robert <[egan.robert@epa.gov](mailto:egan.robert@epa.gov)>; Greenwater, Anthony <[greenwater.anthony@epa.gov](mailto:greenwater.anthony@epa.gov)>; [Dee.allen@ldftribe.com](mailto:Dee.allen@ldftribe.com)

**Subject:** Haskell Lake Site Update- Depth to Bedrock Oppurtunity

Good Afternoon Dave,

I spoke with Bill and Linda this afternoon regarding USGS work taking place this week. USGS and the WGNHS are collecting geophysical measurement data in the vicinity of the Haskell Lake and surrounding area. There is an opportunity to collect passive seismic data from the Kozak's property during this field deployment tomorrow. This will likely be useful data for site assessment.

Two types of passive seismic tools are

- 1) A yellow box (see attached picture) is placed on the ground for 20 minutes. The earth's vibrations are measured and Depth to Bedrock information can be garnered.
- 2) A seismic profile across the site looks for depth to bedrock along a line. Metal Stakes are placed every 15-20 feet along a line connected to a geophone. A noise is made (hitting a hammer on a stake) and the vibrations are recorded. Depth to Bedrock and Bedrock Topography information can be garnered.

Results would be shared with you, EPA, and State, as soon as they become available.

In the telephone conversation with Bill and Linda, Linda referred me to you and reported that you would respond to me.

Kristen Hanson

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